

ABSTRACT OF THE DISCLOSURE

By implementation of an optical scanner, the calibration of printheads of a printing mechanism may be performed in a relatively short period of time as compared to known techniques. In one respect, the time required to perform the calibration may be substantially
5 reduced by virtue of the relatively wide field of view of the optical scanner. The relatively wide field of view generally enables for the scanning of test patterns to be performed with a relatively fewer number of scanning passes, thus reducing the time required to perform the scanning operations as well as the calibration operations. In addition, the scanning operations may yield relatively more accurate results as compared to known scanning operations. In one respect,
10 optical scanners are capable of detecting smaller drops of ink on print media by virtue of their higher resolution capabilities. In another respect, all of the printed colors may be accurately detected through implementation of a red, green, blue (RGB) charge coupled device (CCD) contained in the optical scanners.

15